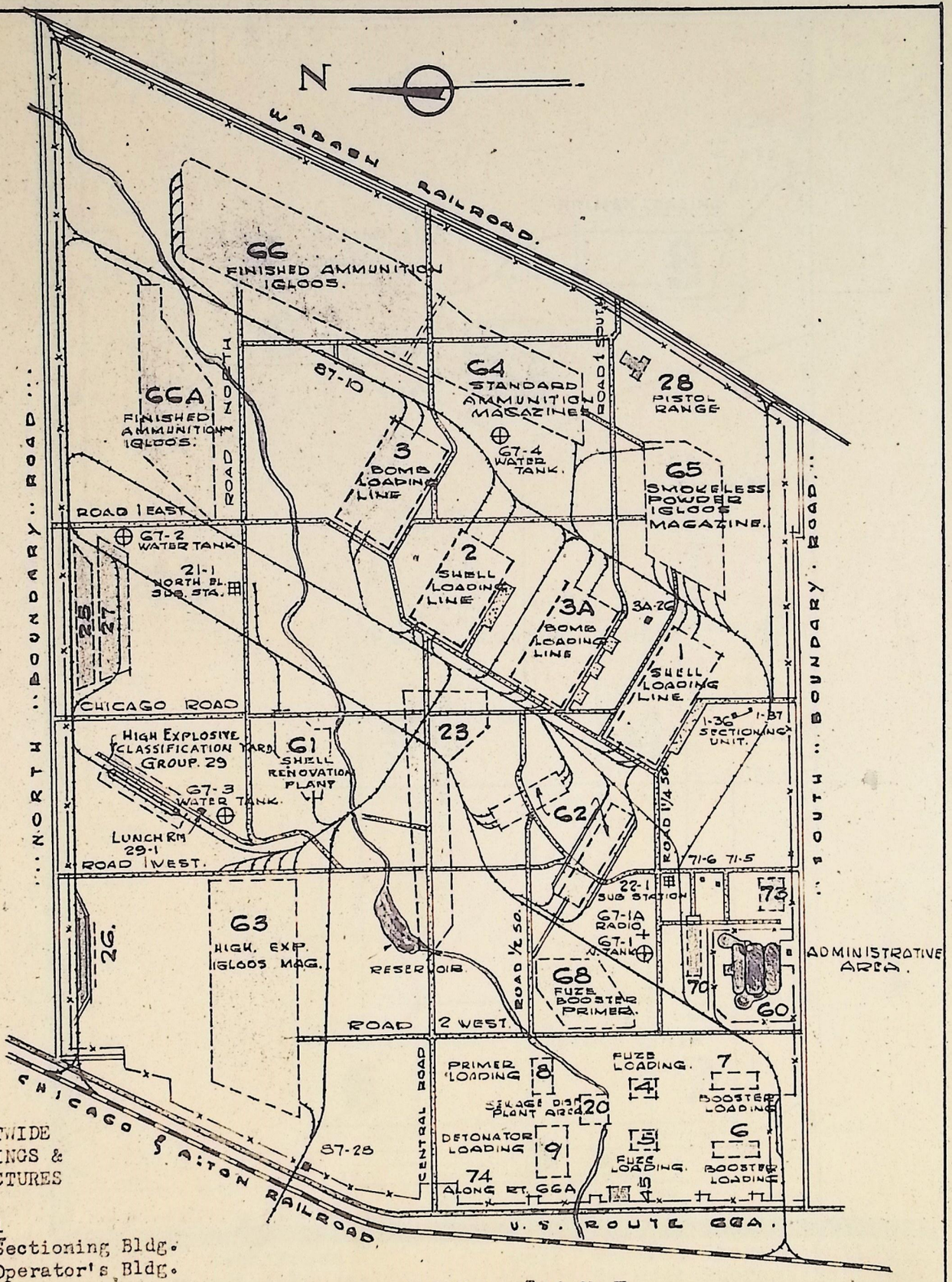
PLANTWIDE LAYOUT



PLANTWIDE BUILDINGS & STRUCTURES

GROUP 1
1-36 Sectioning Bldg.
1-37 Operator's Bldg.

Group 21
21-1 North Substation Service Bldg.
21-2 North Transformer Station

Group 22
22-1 South Substation Service Bldg.
22-2 South Transformer Station

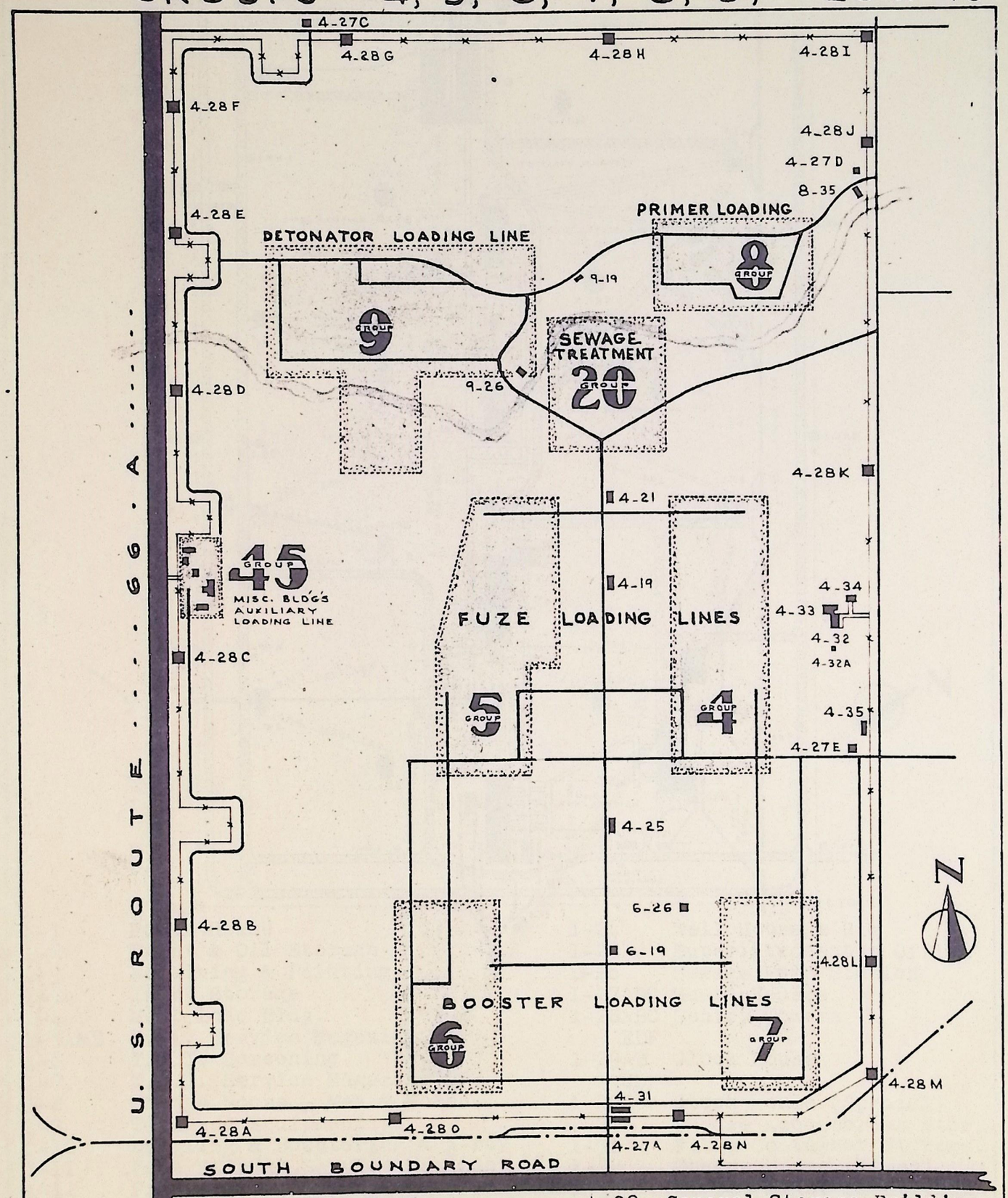
Group 67
67-1A Radio Transmitter Building
67-1 Water Tank S. W.
67-2 Water Tank N. E.
67-3 Water Tank N. W.
67-4 Water Tank S. E.

Group 71
71-5 Landscaping & Equipment Headquarters
71-6 Tool Shed

3A-26 Sewage Pumping Station

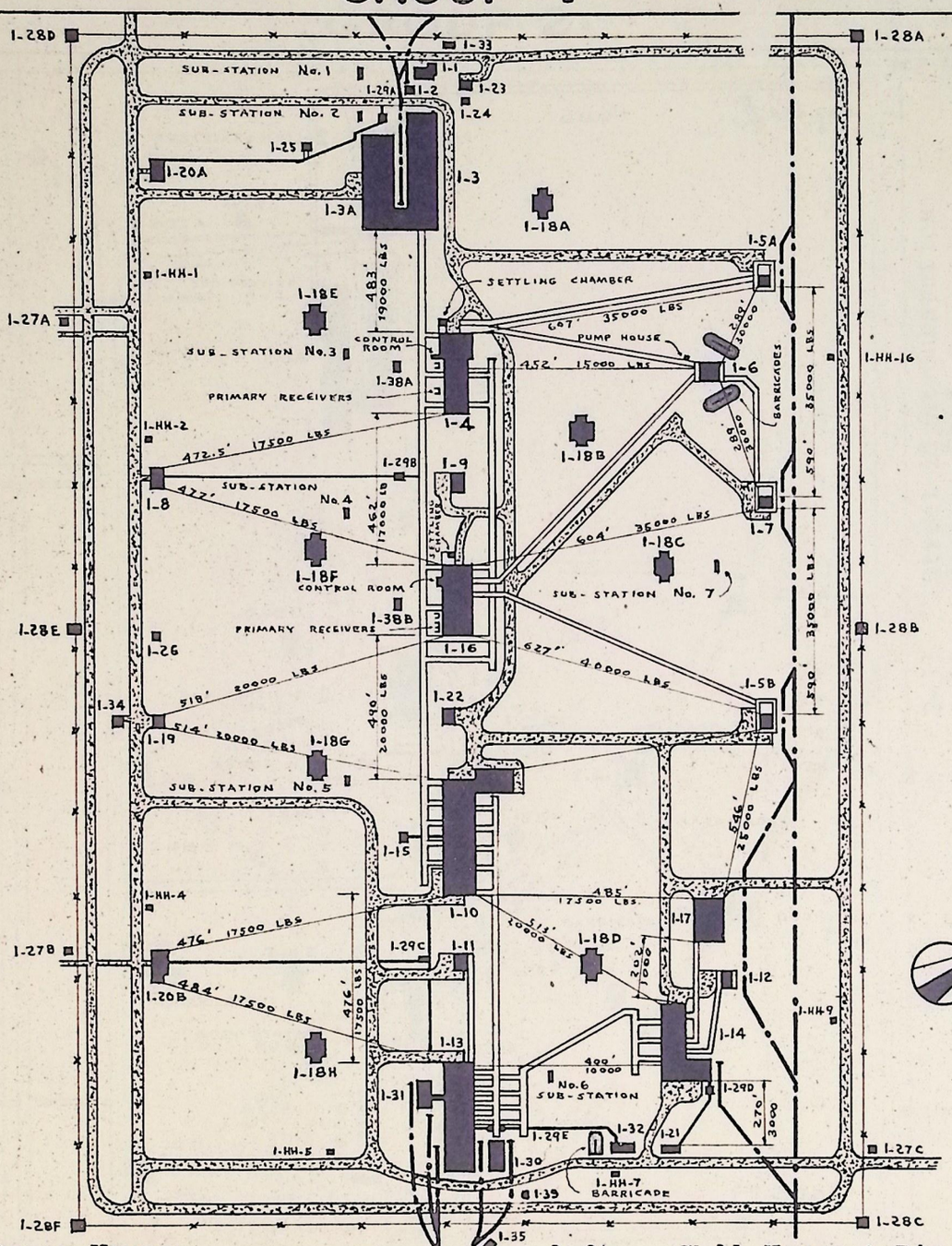
FOR DESCRIPTIVE TITLES OF AREAS AND GROUPS SEE INDEX

· FUZE · BOOSTER · PRIMER · DETONATOR · AREA ·
GROUPS 4, 5, 6, 7, 8, 9, 20 & 45



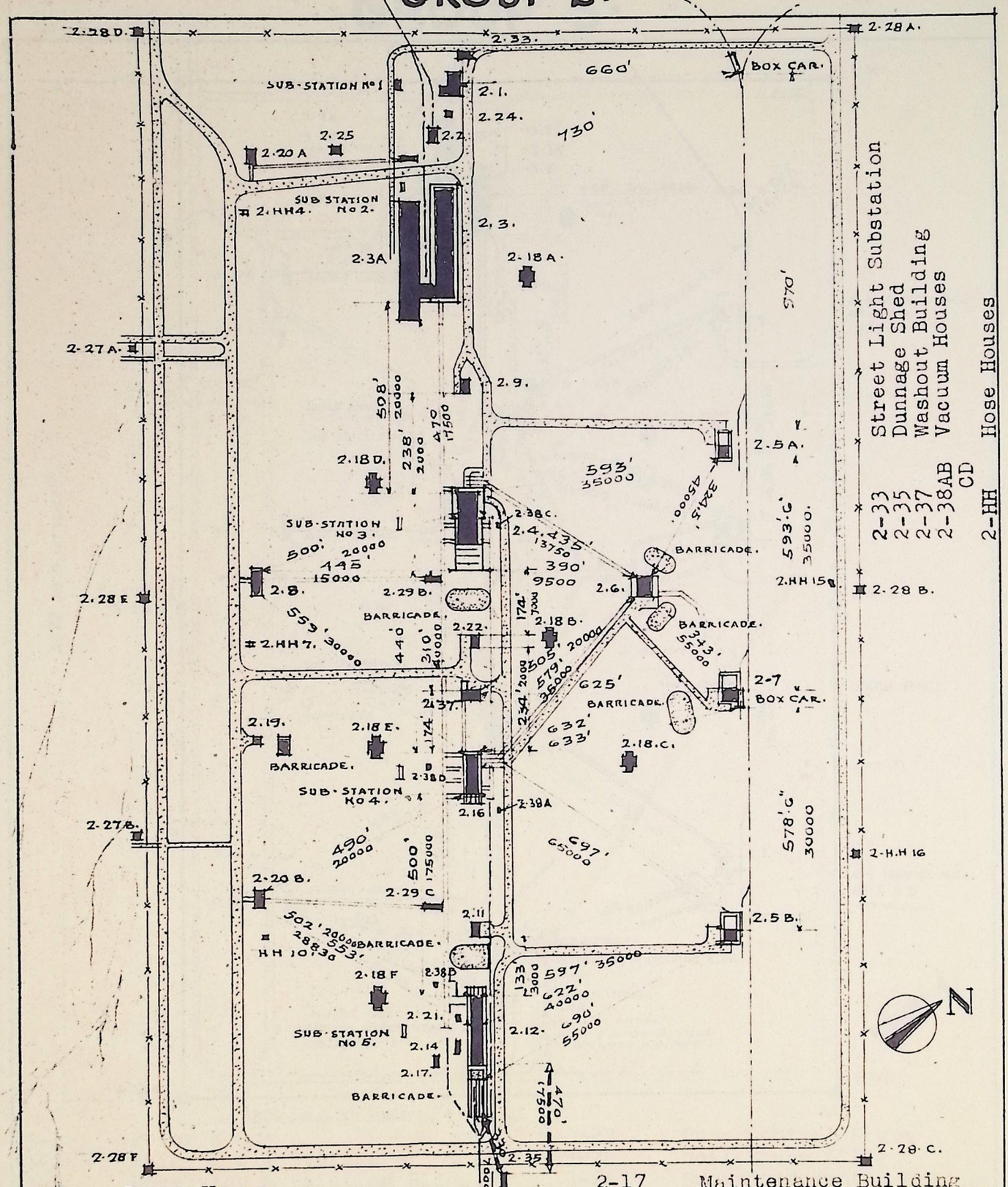
4-27A	Gate House
4-27BCDE	Guard Houses
4-28A thru 4-28N	Sentry Towers
4-31	Shelter
4-32	General Storage Building
4-33	General Storage Building
4-34	General Storage Building
6-19	First Aid Building
6-26	Sewage Pumping Station
9-26	Sewage Pumping Station
8-35	Gate House & Shelter
4-32A	Boiler House

FIXED AMMUNITION LOADING LINE
GROUP 1



1-1	Power House	1-24	Well House & Rig
1-2	Paint & Oil Storage	1-25	Superintendent's Office
1-3	Receiving & Painting	1-26	Sewage Pump Station
1-3A	Inert Storage	1-27ABC	Guard Houses
1-4	Melt Load Bldg.	1-28ABC EDF	Sentry Towers
1-5A&B	N. A. Service Magazine		
1-6	T.N.T. Screening	1-29AB CD	Clock House
1-7	T.N.T. Service Magazine		
1-8	Change House - Men & Women	1-29E	Clock House (Special)
1-9	Tool and Equipment	1-30	Bundle Accessories Stor.
1-10	Drilling & Boostering & X-ray	1-31	Fibre Container Storage.
1-11	Fuze Storage Service Magazine	1-32	Change House (Women)
1-12	Primer Service Magazine	1-33	Street Light Substation
1-13	Assembly & Shipping	1-34	Timekeeper's Office
1-14	Propellant Charge Bldg.	1-35	Dunnage Shed
1-15	Boostering Equipment	1-36	Ammunition Sectioning Unit
1-16	Cooling Bldg.		
1-17	Smokeless Powder Service Magazine	1-37	Operator's Shed
1-18	Bomb Proofs	1-38AB	Vacuum Pump House
1-19	First Aid Bldg.	1-39	Salvage Storage Platform
1-20A	Change House (Men)	1-HH	Hose House
1-20B	Change House (Men)		
1-21	Change House (Men)		
1-22	Booster Service Storage Magazine		
1-23	Pump Control House		

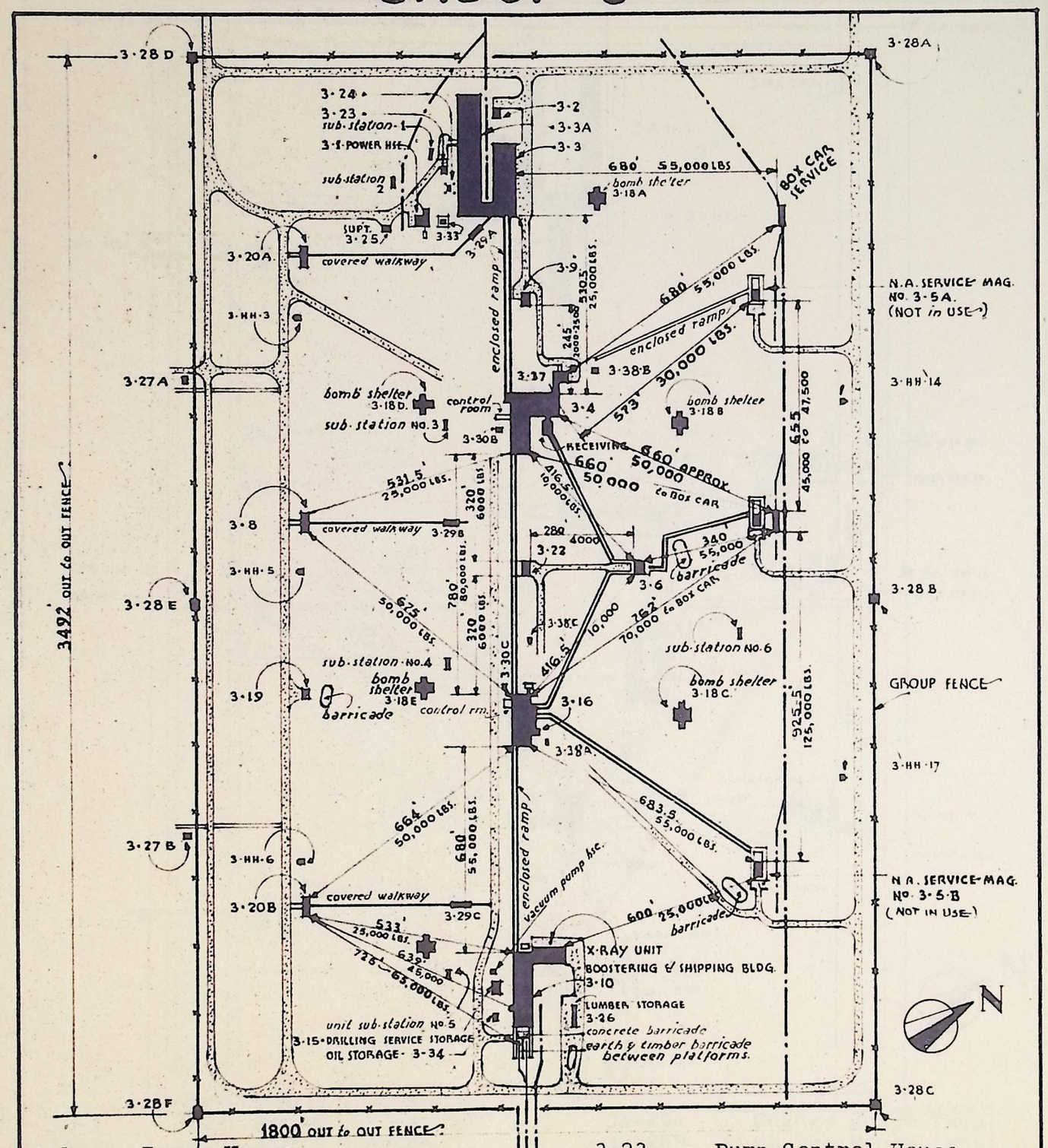
MEDIUM & MAJOR CALIBRE LOADING LINE
GROUP. 2.



2-33 Street Light Substation
2-35 Dunnage Shed
2-37 Washout Building
2-38AB CD Vacuum Houses
2-HH Hose Houses

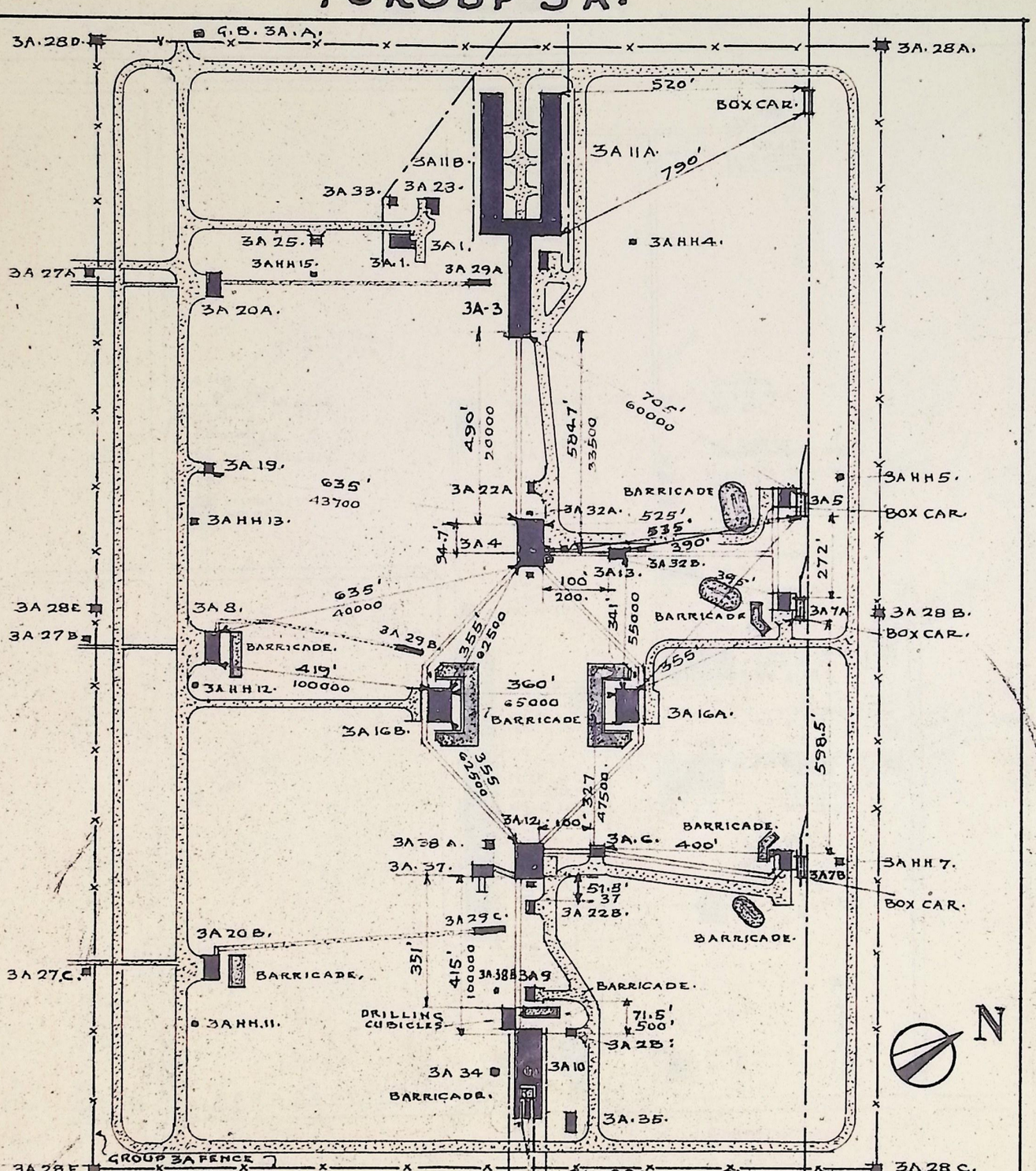
2-1	Power House
2-2	Paint & Oil Storage
2-3	Receiving & Painting
2-3A	Inert Storage
2-4	Melt Load Building
2-5A&B	N.A. Service Magazine
2-6	T.N.T. Screening Building
2-7	T.N.T. Service Magazine
2-8	Men's Change House
2-9	Tool & Equipment Storage
2-11	Fuse Service Storage & Ramp
2-12	Drilling & Shipping Bldg., Drilling Cubicles & Loading Platforms
2-14	Box Storage Building
2-16	Cooling Bldg. & Drilling Cubicles
2-17	Maintenance Building
2-18	Bomb Proofs
2-19	First Aid Bldg.
2-20A&B	Change House (A) Men (B) Women
2-21	Vacuum Building
2-22	Booster Service Bldg.
2-23	Condensate Return Pump House
2-24	Well House & Rig
2-25	Superintendent's Office
2-27A&B	Guard Houses
2-28ABC DEF	Sentry Towers
2-29ABC	Clock Houses

DEMOLITION BOMB LOADING LINE
· GROUP 3 ·



3-1	Power House	3-23	Pump Control House
3-2	Paint & Oil Storage	3-24	Well House & Rig
3-3	Receiving & Painting Bldg.	3-25	Superintendent's Office
3-3A	Inert Storage	3-26	Lumber Shed
3-4	Melt Load Bldg. & Receiving Rm.	3-27A&B	Guard Houses
3-5A&B	N.A. Service Magazine	3-28AB CDEF	Sentry Towers
3-6	T.N.T. Screening Bldg.	3-29ABC	Clock Houses
3-7	T.N.T. Service Magazine	3-30ABC	Vacuum & Condensate Pump Houses
3-8	Change House (Men)	3-33	Street Light Substation
3-9	Tool & Equipment Bldg.	3-34	Oil Storage Bldg.
3-10	Drilling, Boostering & Shipping & X-Ray	3-35	Dunnage Shed
3-15	Drilling Service Storage	3-37	Washout & Sump
3-16	Cooling Bldg. & Drilling Cubicles	3-38ABC	Vacuum Pump Bldg.
3-18	Bomb Proofs	3-39	Pump House
3-19	First Aid Bldg.	3-HH	Hose Houses
3-20A&B	Change House (Men)		
3-22	Booster Service Magazine		

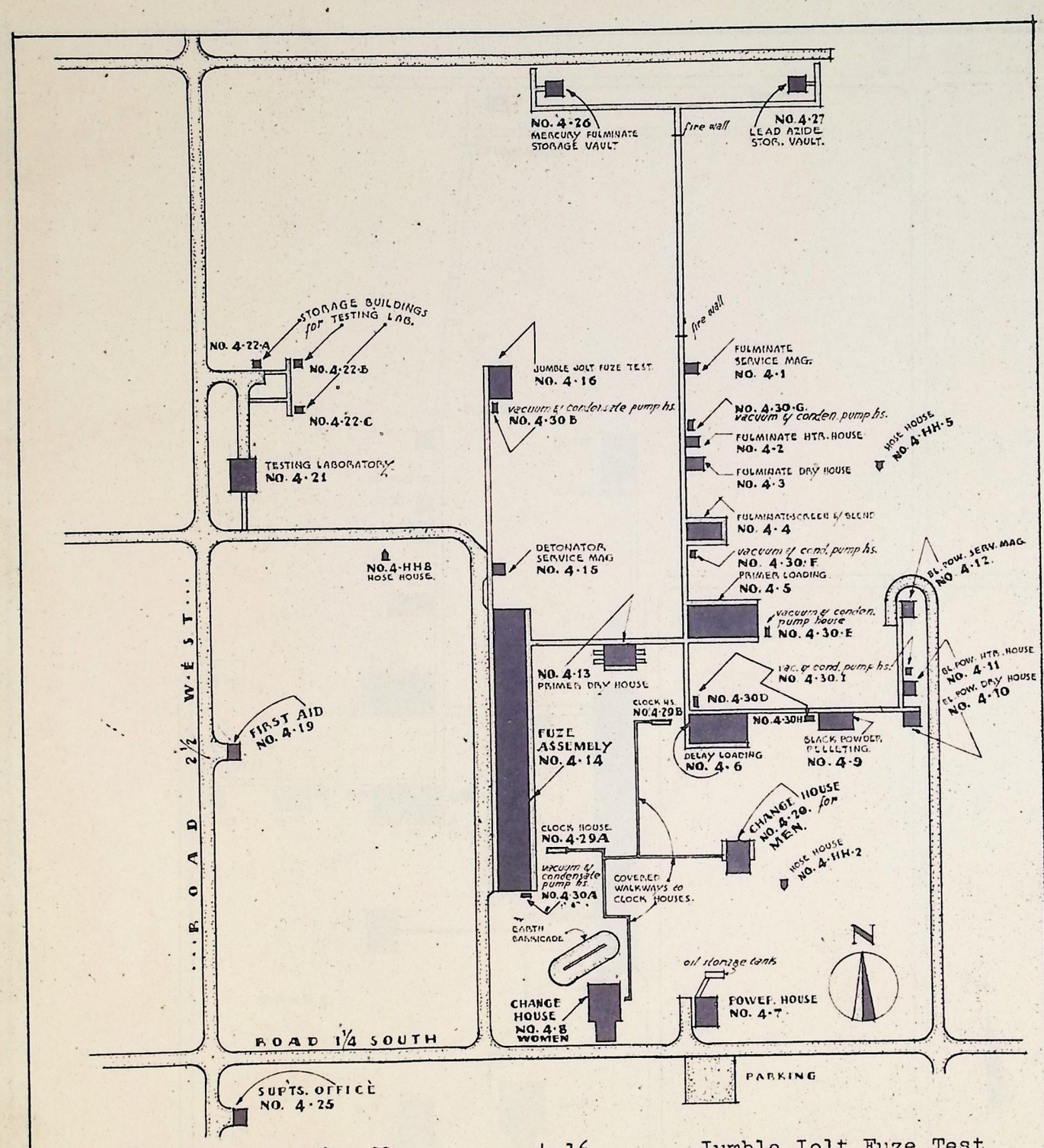
. DEMOLITION . BOMB . LOADING . LINE .
. GROUP 3A .



3A-1	Power House	3A-20A	Change House (Men)
3A-2A	Paint & Oil Storage	3A-20B	Change House (Men)
3A-2B	Paint & Oil Storage	3A-22A	Booster Service Mag.
3A-3	Receiving & Painting Bldg.	3A-22B	Booster Service Mag.
3A-4	Melting & Pouring Bldg.	3A-23	Pump Control House
3A-5	N.A. Service Magazine	3A-25	Superintendent's Office
3A-6	T.N.T. Screening Bldg.	3A-26	Sewage Pumping Station
3A-7A	T.N.T. Service Magazine	3A-27ABC	Guard Houses
3A-7B	T.N.T. Service Magazine	3A-28ABC DEF	Sentry Towers
3A-8	Change House (Men)	3A-29ABC	Clock Houses
3A-9	Component Service Magazine	3A-32A&B	Pump Houses for Hydraulic Elevator
3A-10	Assembling, Packing & Shipping, & Drilling Cubicles	3A-33	Street Light Substation
3A-11A	Inert Storage Bldg.	3A-34	Oil Storage Bldg.
3A-11B	Inert Storage Bldg.	3A-35	Dunnage Shed
3A-12	Topping Bldg.	3A-36	Timekeeper's Office
3A-13	High Explosive Screening Bldg.	3A-37	Washout Bldg.
3A-16A	Cooling Bldg.	3A-38AB	Vacuum Houses
3A-16B	Cooling Bldg.	3A-HH	Hose Houses
3A-19	First Aid Bldg.		

•FUZE LOADING LINE•

•GROUP 4•

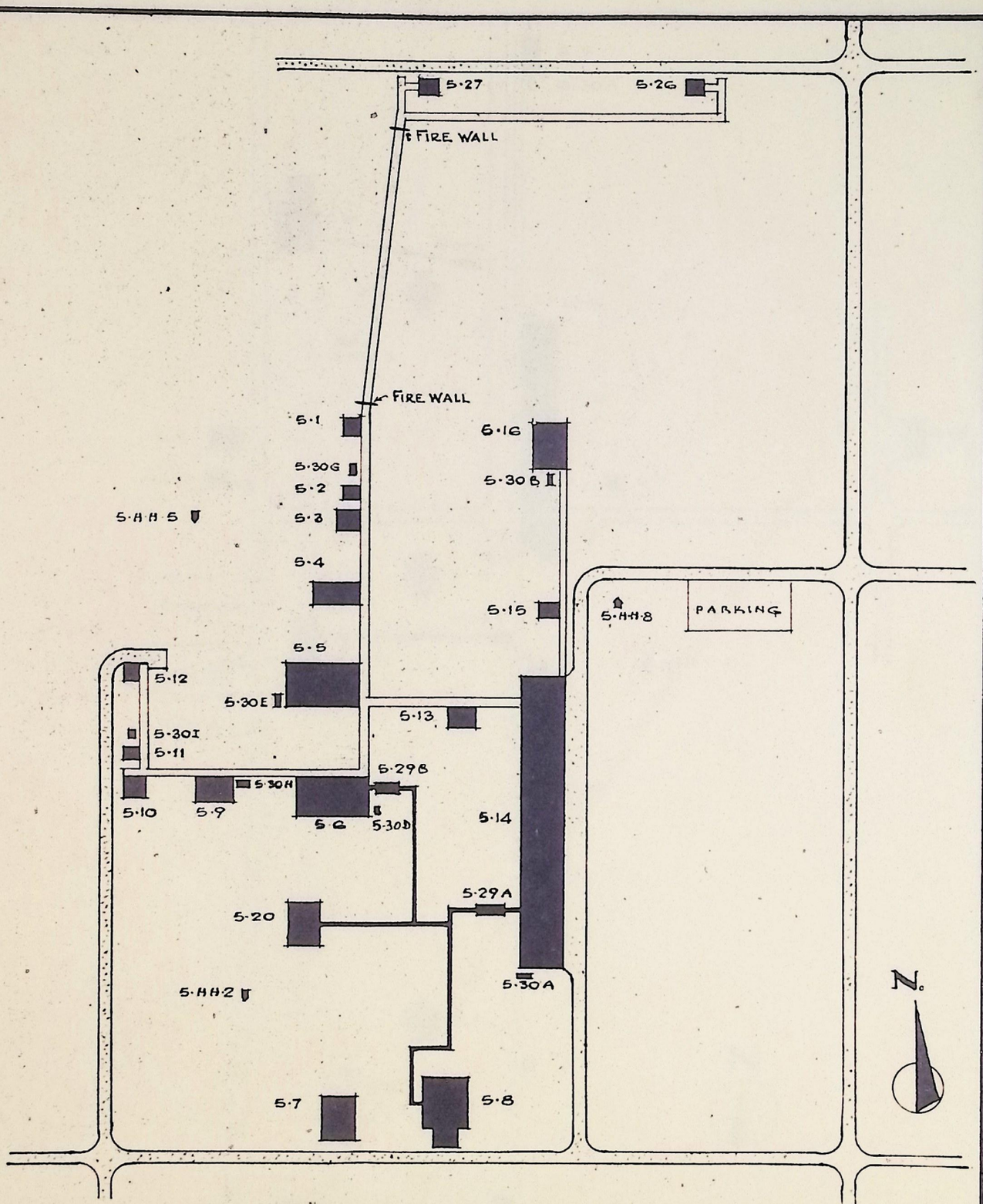

NO. 4-26 MERCURY FULMINATE STORAGE VAULT
fire wall
NO. 4-27 LEAD AZIDE STOR. VAULT.
STORAGE BUILDINGS for TESTING LAB.
NO. 4-22-A
NO. 4-22-B
NO. 4-22-C
TESTING LABORATORY NO. 4-21
JUMBLE JOLT FUZE TEST NO. 4-16
vacuum & condensate pump hs. NO. 4-30 B
fire wall
FULMINATE SERVICE MAG. NO. 4-1
NO. 4-30-G. vacuum & conden. pump hs.
FULMINATE HTR. HOUSE NO. 4-2
HOSE HOUSE NO. 4-HH-5
FULMINATE DRY HOUSE NO. 4-3
FULMINATE-SCREEN & BLEND NO. 4-4
vacuum & cond. pump hs. NO. 4-30-F
PRIMER LOADING NO. 4-5
BL. POW. SERV. MAG. NO. 4-12.
vacuum & conden. pump house NO. 4-30-E
NO. 4-HH8 HOSE HOUSE.
DETONATOR SERVICE MAG NO. 4-15
NO. 4-13 PRIMER DRY HOUSE
vac. & cond. pump hs. NO 4-30-I
BL. POW. HTR. HOUSE NO. 4-11
BL. POW. DRY HOUSE NO. 4-10
NO. 4-30D
CLOCK HS. NO. 4-29B
NO. 4-30H
BLACK POWDER PELLETING NO. 4-9
DELAY LOADING NO. 4-6
FIRST AID NO. 4-19
FUZE ASSEMBLY NO. 4-14
CHANGE HOUSE NO. 4-20. for MEN.
CLOCK HOUSE NO. 4-29A
HOSE HOUSE NO. 4-HH-2
vacuum & condensate pump hs. NO. 4-30A
COVERED WALKWAYS to CLOCK HOUSES.
EARTH BARRICADE
oil storage tank
N
CHANGE HOUSE NO. 4-8 WOMEN
POWER HOUSE NO. 4-7
ROAD 2½ WEST
ROAD 1¼ SOUTH
PARKING
SUPTS. OFFICE NO. 4-25

4-1	Fulminate Service Mag.
4-2	Fulminate Heater House
4-3	Fulminate Dry House
4-4	Fulminate Screen & Blend
4-5	Primer Loading
4-6	Delay Loading
4-7	Power House
4-8	Change House, Women
4-9	Black Powder Pelleting
4-10	Black Powder Dry House
4-11	Black Powder Heater House
4-12	Black Powder Service Mag.
4-13	Primer Dry House
4-14	Fuze Assembly
4-15	Detonator Service Mag.

4-16	Jumble Jolt Fuze Test
4-19	First Aid Building
4-20	Change House, Men
4-21	Testing Laboratory
4-22ABC	Storage Buildings for Test Laboratory
4-25	Superintendent's Office
4-26	Fulm. of Merc. Stor. Vault
4-27	Lead Azide Storage Vault
~~4-27B~~	~~Guard House~~ (OUT)
4-29AB	Clock House
4-30ABDE FGHI	Vacuum & Condensate Pump House
4-HH-2,5,8	Hose Houses

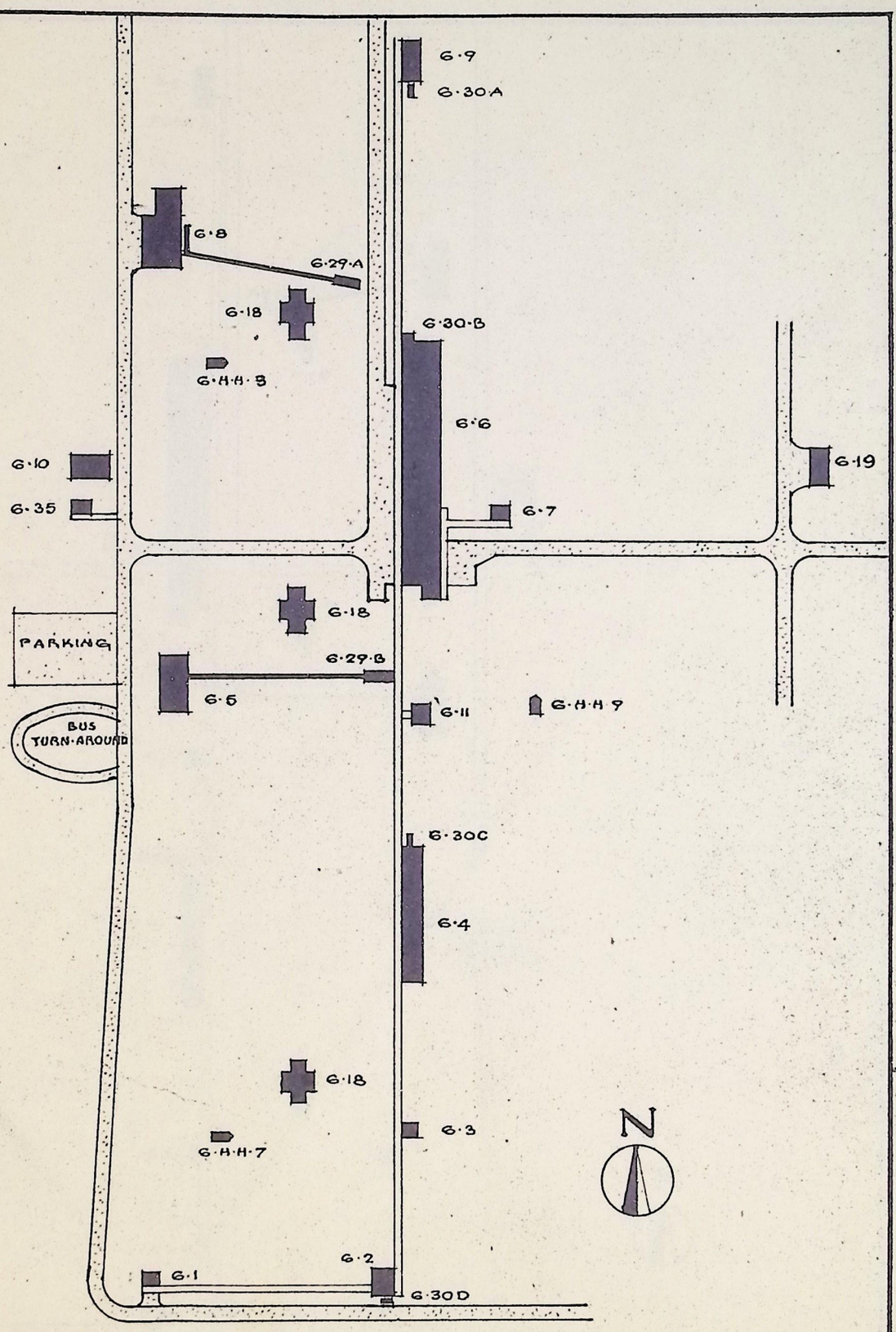
See Sheet No. 2 for Additional Buildings in this Group.

·FUZE·LOADING·LINE·
·GROUP·5·



5-1	Fulminate Service Mag.	5-13	Primer Dry House
5-2	Fulminate Heater House	5-14	Fuze Assembly
5-3	Fulminate Dry House	5-15	Detonator Service Mag.
5-4	Fulminate Screen & Blend	5-16	Jumble Jolt Fuze Test
5-5	Primer Loading	5-20	Change House, Men
5-6	Delay Loading	5-26	Fulminate of Mercury Storage Vault
5-7	Power House	5-27	Lead Azide Storage Vault
5-8	Change House, Women	5-29AB	Clock Houses
5-9	Black Powder Pelleting	5-30	Vacuum & Condensate Pump Hse.
5-10	Black Powder Dry House	~~5-34~~	~~Group Maintenance Building~~
5-11	Black Powder Heater House	5-HH-2,5,8	Hose Houses
5-12	Black Powder Service Mag.	[BLDG. 5-34 DISMANTLED OCT. 1943]	

·BOOSTER·LOADING·LINE·
·GROUP · 6·

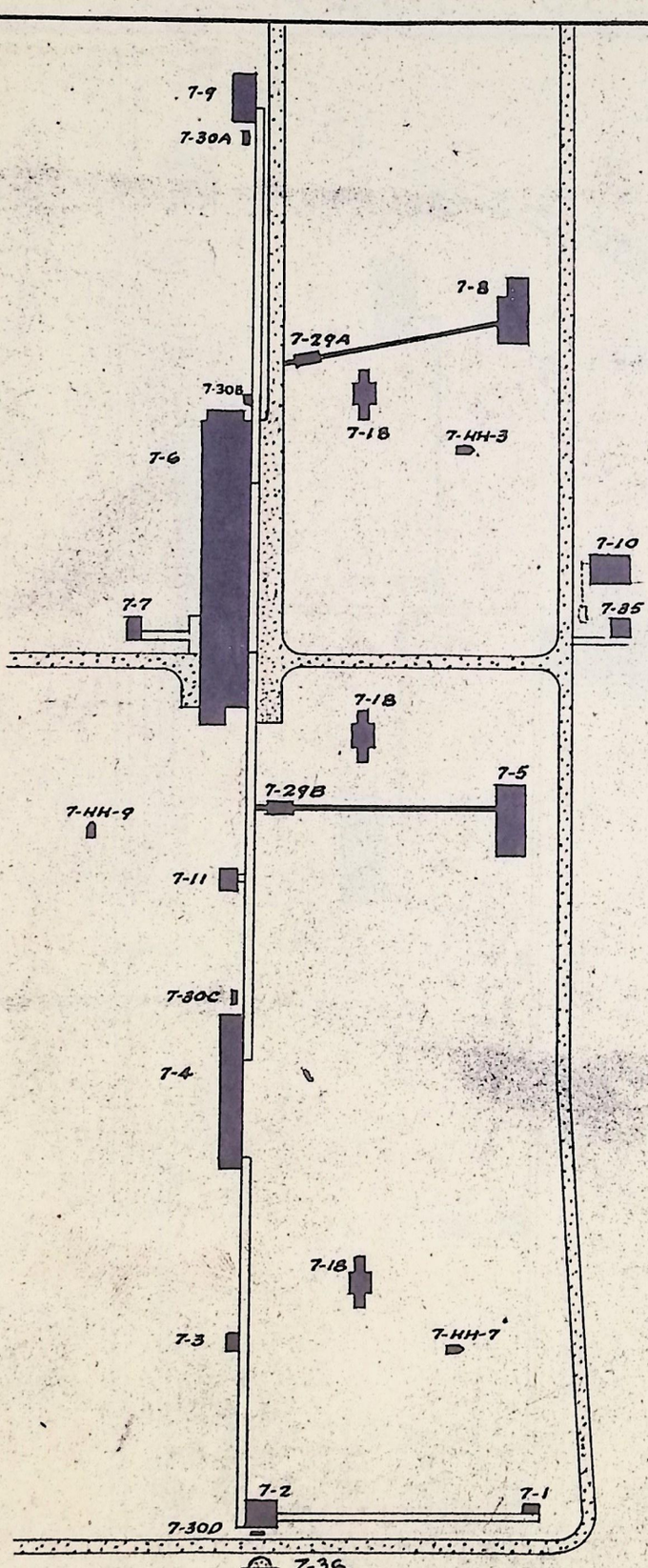


6-1	Tetryl Service Magazine	6-18	Bombproofs
6-2	Tetryl Screen & Blend	*6-19	First Aid Building
6-3	Blended Tetryl Rest House	*6-26	Sewage Pumping
6-4	Tetryl Pelleting House	6-29AB	Clock Houses
6-5	Change House - Men	6-30ABCD	Vacuum & Condensate Pump Hs.
6-6	Booster Assembly	~~6-34~~	~~Group Maintenance Building~~
6-7	Detonator Service Magazine	6-35	Timekeeper's Office
6-8	Change House - Women	6-HH-3,7,9	Hose Houses
6-9	Jumble Jolt Booster Test		
6-10	Power House		
6-11	Tetryl Pellet Rest House		

*See Fuse-Booster-Primer-Detonator Group Layout.

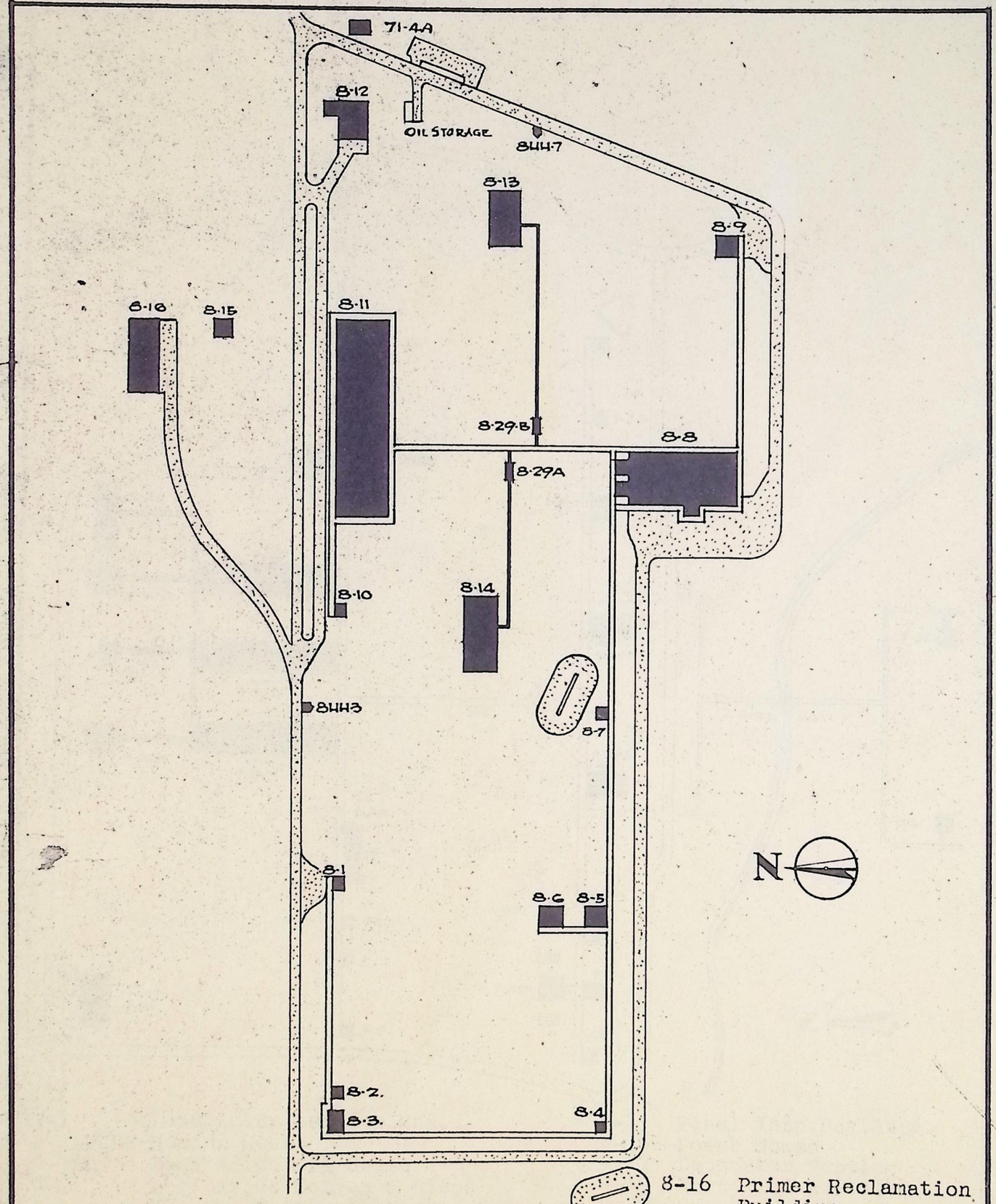
[BLDG. 6-34 – DISMANTLED OCT. 1943]

BOOSTER LOADING LINE
GROUP 7.



7-1	Tetryl Service Magazine	7-10	Power House
7-2	Tetryl Screen & Blend	7-11	Tetryl Pellet Rest House
7-3	Blended Tetryl Rest House	7-18	Bombproofs
7-4	Tetryl Pelleting	7-29AB	Clock Houses
7-5	Change House - Men	7-30ABCD	Vacuum & Condensate Pump Hs.
7-6	Booster Assembly	7-35	Timekeeper's Office
7-7	Detonator Service Magazine	7-HH-3,7,9	Hose Houses
7-8	Change House - Women	7-36	Switch Control Room
7-9	Jumble Jolt Booster Test		

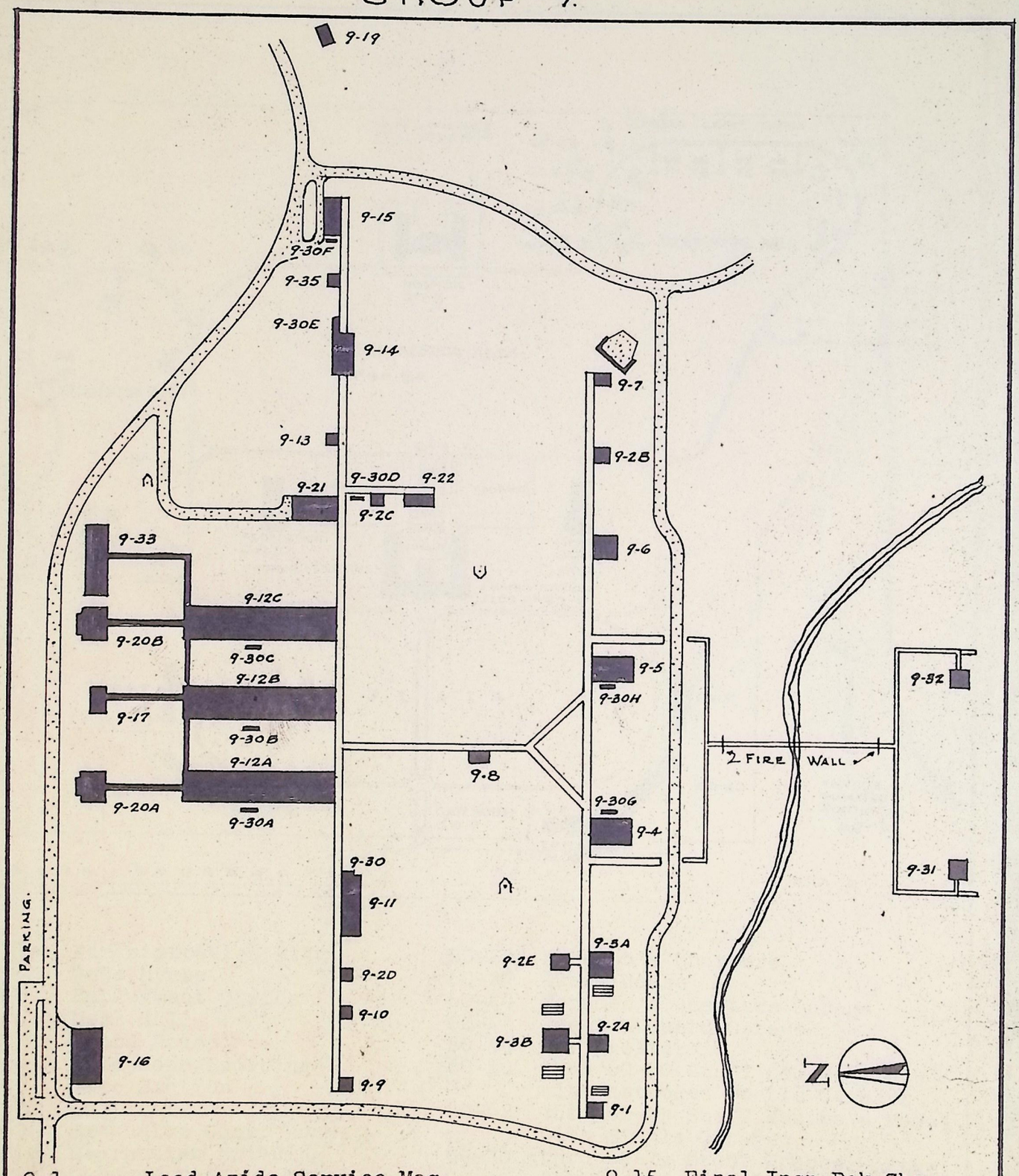
PRIMER LOADING LINE
GROUP - 8.



8-1	Black Powder Service Mag.	8-10	Service Mag. Percussion Elements
8-2	Black Powder Motor House	8-11	Primer Preparation
8-3	Black Powder Screening	8-12	Power House
8-4	Black Powder Rest House	8-13	Change House, Men
8-5	Black Powder Dry House	8-14	Change House, Women
8-6	Black Powder Fan House	8-15	Functioning Test Bldg.
8-7	Black Powder Rest House	8-29AB	Clock Houses
8-8	Primer Loading	8-HH	Hose Houses
8-9	Primer Rest House		

71-4A Diesel Generator Load Center (Misc. Bldg. - Not in Group)

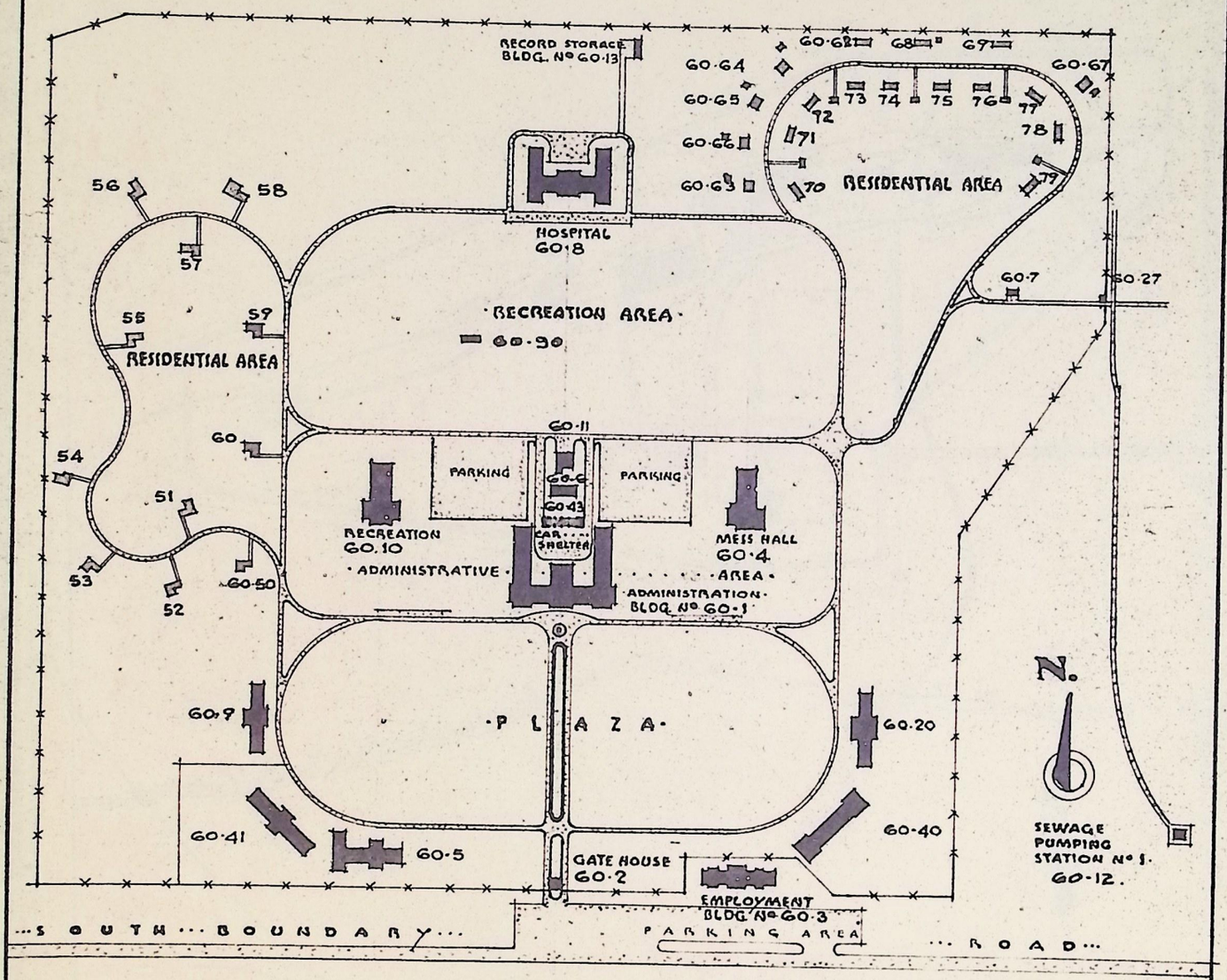
DETONATOR LOADING LINE
GROUP - 9



9-1	Lead Azide Service Mag.
9-2ABCDE	Heater House
9-3AB	Lead Azide Dry House
9-4	Lead Azide Screen & Blend
9-5	Mercury Fulminate Screen & Blend
9-6	Mercury Fulminate Dry House
9-7	Mercury Fulminate Service Mag.
9-8	Prepared Primer Mix House
9-9	Tetryl Service Magazine
9-10	Tetryl Blending Building
9-11	Tetryl Pelleting Building
9-12ABC	Detonator Loading
9-13	Detonator Rest House
9-14	Detonator Rumbling Building
9-15	Final Insp.Pck.Shpg.
9-16	Power House
9-17	Detonator Testing
9-19	First Aid Building
9-20A	Change Hs.,Men Clock Hs
9-20B	" " Women " "
9-21	Booster Detonator Ldg.
9-22	Charging Machine Bldg.
9-26	Sewage Pumping Sta.
9-30	Vacuum & Cond.Pump Hs.
9-31	Lead Azide Stor. Vault
9-32	Fulm.Merc.Stor.Vault
9-33	Change Hs.Women Clock Hs.
~~9-34~~	~~Group Maintenance Bldg.~~
9-35	Detonator Service Mag.
9-HH	Hose Houses

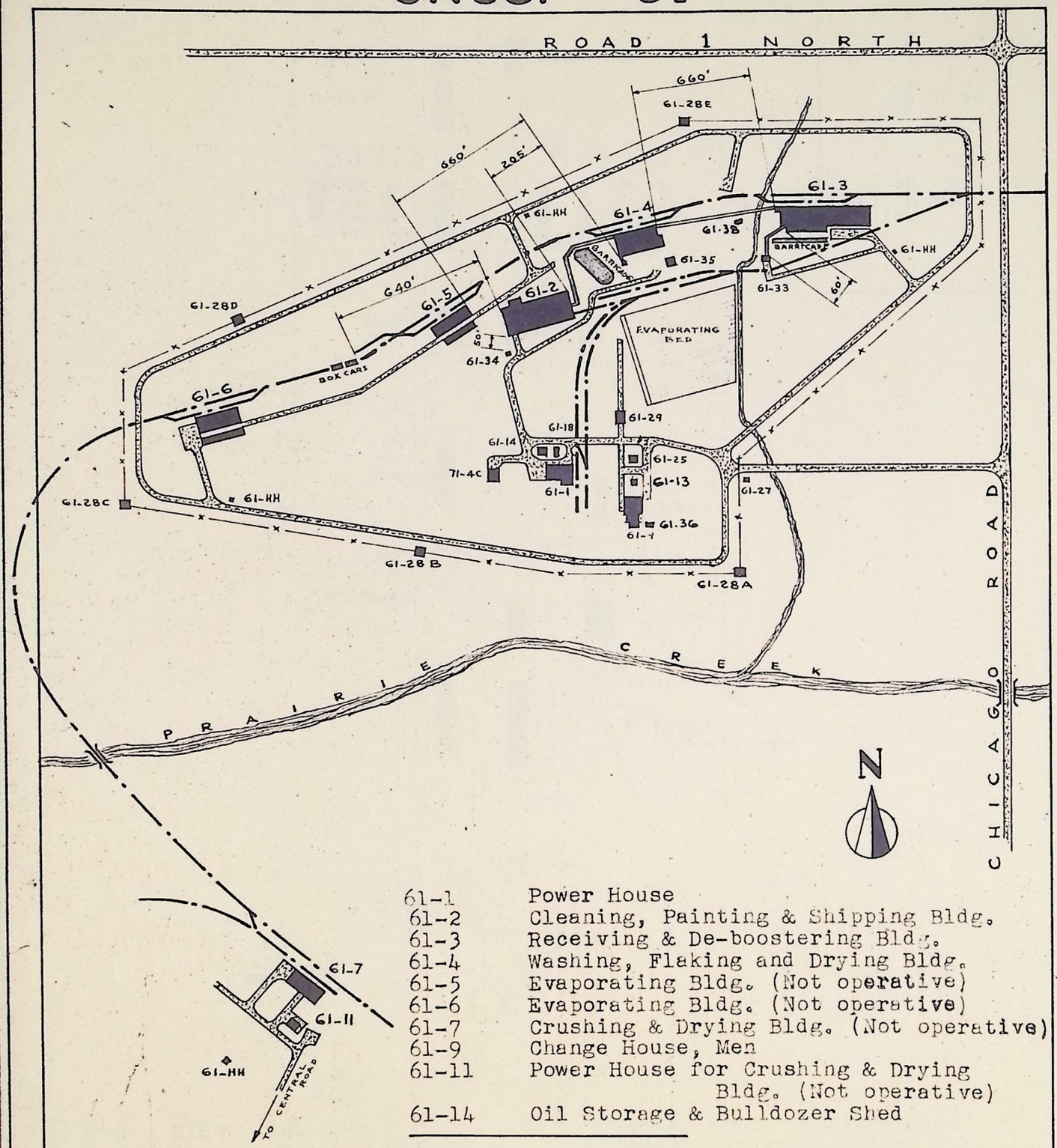
[BLDG. 9-34 DISMANTLED OCT. 1943]

ADMINISTRATION GROUP AREA
·GROUP · 60·



60-1	Administration Bldg.
60-2	Gate House
60-3	Employment Office
60-4	Mess Hall
60-5	Guard House
60-6	Telephone Building
60-7	Fire Station
60-8	Hospital
60-9	Executive Guest House
60-10	Recreation Building
60-11	General Heating Plant
60-12	Sewage Pumping Station
60-13	Record Storage Building
60-20	Foremen's Quarters
60-27	Guard House
60-40	Foremen's Quarters Garage
60-41	Guest & Guard Garage
60-43	Car Shelter
60-50	thru 60-60 Staff Houses - New with attached Double Garages
60-62	thru 60-69 Staff Houses - Moved with Single Garages
60-70	thru 60-79 Staff Houses - Prefabricated with double garages for 2 houses
60-90	Equipment Storage & Shelter

SHELL RENOVATION PLANT
GROUP 61



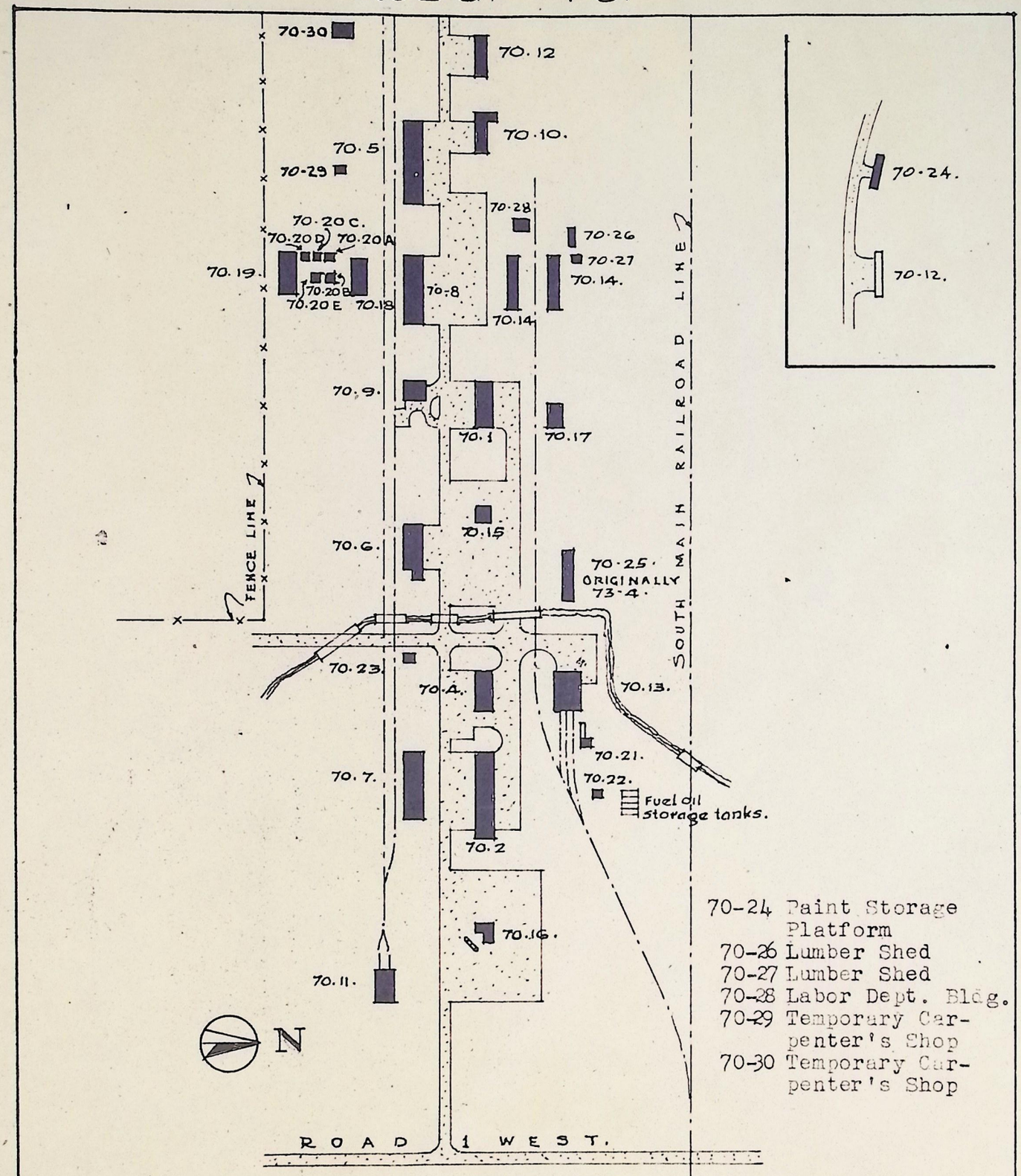
61-1	Power House
61-2	Cleaning, Painting & Shipping Bldg.
61-3	Receiving & De-boostering Bldg.
61-4	Washing, Flaking and Drying Bldg.
61-5	Evaporating Bldg. (Not operative)
61-6	Evaporating Bldg. (Not operative)
61-7	Crushing & Drying Bldg. (Not operative)
61-9	Change House, Men
61-11	Power House for Crushing & Drying Bldg. (Not operative)
61-14	Oil Storage & Bulldozer Shed

61-18	Paint Storage Bldg.
61-25	Superintendents Office
61-27	Guard House
61-28ABCDE	Sentry Towers
61-29	Clock House
61-33	Booster Storage Bldg.
61-34	Paint Storage Bldg.
61-35	Sump House
61-HH	Hose Houses
71-4c	Diesel Generator Load Center (Misc. Bldg. not in Group)

61-13	Inspector's Office
61-36	Timekeeper's Office
61-38	Vacuum Pump House

Note: Box car storage for reclaimed TNT in lieu of TNT Storage Mag. Bldg.

SHOP AREA
GROUP - 70.



70-24 Paint Storage Platform
70-26 Lumber Shed
70-27 Lumber Shed
70-28 Labor Dept. Bldg.
70-29 Temporary Carpenter's Shop
70-30 Temporary Carpenter's Shop

70-1 Electrical Shop
70-2 Service Garage

70-4 Blacksmith & Tin Shop
70-5 Material Warehouse
70-6 Pipe Shop
70-7 Machine & Gauge Shop
70-8 Carpenter Shop
70-9 Heating Plant
70-10 Laundry
70-11 Round House (Present)
70-12 Acetone Paint & Grease Storage
70-13 Locomotive Storage & Repair Shop

70-14 Lumber Storage Shed
70-15 Lumber Checking, Timekeeping & Time Clock House
70-16 Parking Lot & Gas Station & Porch
70-17 Electrical Warehouse
70-18 Concrete Plant
70-19 Ironworkers Office
70-20 ABCDE Foremans Offices
70-21 Sand Drying House
70-22 Fuel Oil Pump House
70-23 Shop Area Material Warehouse Record Building
70-25 UTILITY OFFICE. ORIGINALLY 73-4.